

Pioneer

Service Manual

 ORDER NO.
RRV4316

AV Receiver

VSX-827-K

VSX-527-K

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Model	Type	Power Requirement	Remarks
VSX-827-K	SYXE8	AC 220 V to 230 V	
VSX-527-K	SYXE8	AC 220 V to 230 V	

This service manual should be used together with the following manual(s).

Model No.	Order No.	Remarks
VSX-1022-K/CUXESM	RRV4306	VSX-822-K/CUXESM

For SPECIFICATIONS and PANEL FACILITIES, refer to the operating instructions.

PIONEER CORPORATION 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan
PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.
PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936
 ©PIONEER CORPORATION 2012

K-ZZZ MAY 2012 Printed in Japan

1. CONTRAST OF MISCELLANEOUS PARTS

NOTES: ● Parts marked by "NSP" are generally unavailable because they are not in our Master Spare Parts List.

● The  mark found on some component parts indicates the importance of the safety factor of the part.

Therefore, when replacing, be sure to use parts of identical designation.

● Screws adjacent to ▼ mark on product are used for disassembly.

● For the applying amount of lubricants or glue, follow the instructions in this manual.

(In the case of no amount instructions, apply as you think it appropriate.)

● Nos. indicate the pages and Nos. in the service manual for the base model.

● When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex.1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J=5%, and K=10%).

560Ω → 56 x 10¹ → 561 RD1/4PU561J

47kΩ → 47 x 10³ → 473 RD1/4PU473J

0.5Ω → R50 RN2HR50K

1Ω → 1R0 RS1P1R0K

Ex.2 When there are 3 effective digits (such as in high precision metal film resistors).

5.62kΩ → 562 x 10¹ → 5621 RN1/4PC5621F

CONTRAST TABLE

VSX-827-K/SYXE8

VSX-1022-K/CUXESM and VSX-827-K/SYXE8 are constructed the same except for the following:

Mark	No.	Symbol and Description	VSX-1022-K/CUXESM	VSX-827-K/SYXE8	Remarks
C	PCB ASSEMBLIES				
	NSP	1..PCB TTL ASSY MAIN	7025HK1108010-IL	7025HK1108030-IL	
	P76-1	2..MAIN Assy	7028071611030-IL	7028071611040-IL	
	NSP	1..PCB TTL ASSY FRONT	7025HK1108011-IL	7025HK1108031-IL	
	P76-8	2..FRONT Assy	7028071621030-IL	7028071621040-IL	
	NSP	1..PCB TTL ASSY VIDEO	7025HK1108012-IL	7025HK1108032-IL	
	P76-14	2..VIDEO Assy	7028071671030-IL	7028071671040-IL	
D	P76-15	2..STBY Assy	7028071672030-IL	7028071672040-IL	
	NSP	1..PCB TTL ASSY AUDIO	7025HK1108013-IL	7025HK1108033-IL	
	P76-18	2..AUDIO Assy	7028071641030-IL	7028071641040-IL	
	NSP	1..PCB TTL ASSY DMAIN	7025HK1108014-IL	7025HK1108034-IL	
	NSP	1..PCB TTL ASSY CPU	7025HK1108015-IL	7025HK1108035-IL	
	P76-20	2..CPU Assy	7028071681030-IL	7028071681040-IL	
	NSP	1..PCB TTL ASSY AMP7	7025HK1108017-IL	7025HK1108037-IL	
E	P76-21	2..AMP7 ASSY	7028070253010-IL	7028070254010-IL	
	PACKING SECTION				
	P73-1	Remote Control (AXD7661)	8300766100010-IL	Not used	
	P73-1	Remote Control (AXD7662)	Not used	8300766200010-IL	
	P73-6	Operating Instructions (CD-ROM)	6517000000490-IL	6517000000520-IL	
		Operating Instructions (En)(PDF)	ARB7470	ARB7471	
		Operating Instructions (Fr)(PDF)	ARC8044	ARC8046	
F		Operating Instructions (De)(PDF)	Not used	ARC8047	
		Operating Instructions (It)(PDF)	Not used	ARC8048	
		Operating Instructions (Es)(PDF)	ARC8045	ARC8049	
		Operating Instructions (NI)(PDF)	Not used	ARC8050	
		Operating Instructions (Ru)(PDF)	Not used	ARC8051	
	P73-7	Quick Start Guide	5707000006490-IL	5707000006510-IL	
	P73-8	Box, Gift	6007212070050-IL	6007212070070-IL	
F	NSP	Warranty Card	ARY7156	ARY7158	
		AC Power Cord	Not used	L068250160020-IL	
	EXTERIOR SECTION				
		P76-24 Cord Assy	L068125101710-IL	Not used	
		P76-25 Power Trans	8200960611140-IL	8200960611150-IL	
		P76-34 Front Panel	3067215491010-IL	3067215491120-IL	

9.2 EXTERIOR SECTION

